

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE CHARLESTON SC
912 AM EDT THU OCT 23 2014

...REVIEW OF THE NWS CHARLESTON FROST/FREEZE PROGRAM...

THE NATIONAL WEATHER SERVICE IN CHARLESTON SOUTH CAROLINA WILL
ISSUE WATCHES...WARNINGS AND ADVISORIES FOR FROST AND FREEZE
CONDITIONS ACROSS SOUTHEAST SOUTH CAROLINA AND PARTS OF SOUTHEAST
GEORGIA NORTH OF THE ALTAMAHA RIVER DURING THE GROWING SEASON. THE
LOCAL GROWING SEASON RUNS FROM MARCH THROUGH NOVEMBER BASED ON
CLIMATOLOGY.

THE FOLLOWING ARE THE PRODUCTS WE ISSUE AND THEIR ASSOCIATED
CRITERIA...

...FREEZE WATCH...

FREEZE WATCHES ARE ISSUED WHEN THERE IS A 50 PERCENT OR GREATER
PROBABILITY THAT LOW TEMPERATURES WILL DROP TO 32 DEGREES OR LOWER
DURING THE GROWING SEASON...USUALLY WITHIN 12 TO 48 HOURS.

...FREEZE WARNING...

FREEZE WARNINGS ARE ISSUED WHEN THERE IS AN 80 PERCENT OR GREATER
PROBABILITY THAT LOW TEMPERATURES WILL DROP TO 32 DEGREES OR LOWER
DURING THE GROWING SEASON...USUALLY WITHIN 12 TO 24 HOURS.

...FROST ADVISORY...

FROST ADVISORIES ARE ISSUED WHEN THERE IS AN 80 PERCENT OR GREATER
PROBABILITY THAT CONDITIONS WILL SUPPORT THE DEVELOPMENT OF
SCATTERED OR WIDESPREAD FROST DURING THE GROWING SEASON.
ADVISORIES ARE TYPICALLY NOT ISSUED FOR PATCHY FROST...EXCEPT
POSSIBLY DURING UNUSUALLY WARM PERIODS.

IF A FREEZE OCCURS ACROSS ALL OF SOUTHEAST SOUTH CAROLINA AND
NORTHERN PORTIONS OF SOUTHEAST GEORGIA PRIOR TO NOVEMBER
30...FROST AND FREEZE PRODUCTS WILL BE DISCONTINUED FOR THE
REMAINDER OF THE SEASON FOR THE ENTIRE AREA. EVEN IF A FREEZE
DOES NOT OCCUR PRIOR TO THE END OF NOVEMBER FOR THE ENTIRE
AREA...FROST AND FREEZE PRODUCTS WILL STILL BE DISCONTINUED
BEGINNING DECEMBER 1 UNTIL THE GROWING SEASON EFFECTIVELY RESUMES
AGAIN MARCH 1 2015.

THE FOLLOWING ARE MEDIAN FIRST FREEZE DATES FOR SOME LOCATIONS
ACROSS THE AREA BASED ON DATA FROM 1981 TO 2010...

...SOUTHEAST SOUTH CAROLINA...

YEMASSEE.....	NOVEMBER 1
ALLENDALE.....	NOVEMBER 7
WALTERBORO.....	NOVEMBER 9
SUMMERVILLE.....	NOVEMBER 16
MCCLELLANVILLE.....	NOVEMBER 16
HAMPTON.....	NOVEMBER 18
CHARLESTON AIRPORT /KCHS/..	NOVEMBER 29
SULLIVANS ISLAND.....	DECEMBER 3
BEAUFORT.....	DECEMBER 8
DOWNTOWN CHARLESTON.....	DECEMBER 24

....SOUTHEAST GEORGIA....

MILLEN.....	NOVEMBER 3
CLAXTON.....	NOVEMBER 18
BROOKLET.....	NOVEMBER 21
GLENNVILLE.....	NOVEMBER 25
SAVANNAH AIRPORT /KSAV/....	NOVEMBER 28
FORT STEWART.....	DECEMBER 1
SAPELO ISLAND.....	DECEMBER 11

A MAP OF MEDIAN LAST FREEZE DATES CAN BE FOUND ON OUR WEBSITE AT
THE FOLLOWING ADDRESS /IN LOWERCASE LETTERS/...

[HTTP://WWW.WEATHER.GOV/IMAGES/CHS/MISC/MEDIAN_FIRST_FREEZE.PNG](http://www.weather.gov/images/chs/misc/median_first_freeze.png)

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